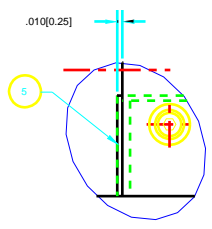
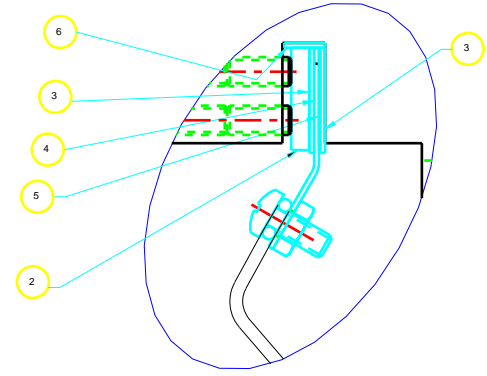
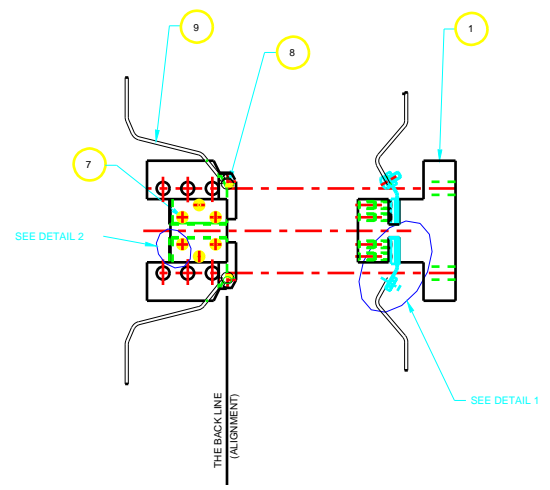


(P)	PLOT SCALE:	1=1	DWG. SCALE:	1
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DETAIL 2
SCALE: 4=1



DETAIL 1
SCALE: 4=1

SOURCE

- 1 U-C COMPONENTS, INC.
2330 OLD MIDDLEFIELD WAY SUITE 16
MOUNTAIN VIEW, CA. 94043
(415) 964-3827
- 2 ISI INSULATOR SEAL INC.
23874-B CABOT BLVD.
HAYWARD, CA. 94045-1661
(510) 887-8664

NOTE:
1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
KEEP UHV PARTS CLEAN DURING ASSEMBLY AND
WRAP UP FOR PACKING WITH ALUMINUM FOIL.

- ASSEMBLY PROCEDURE
1. HOLD ITEM #1 FIRMLY AND SECURED.
 2. INSTALLATION AS SHOWN IN ENLARGED VIEW
DO THE PROCEDURE IN THIS SIDE FIRST AND
REPEAT PROCEDURES ON OTHER SIDE.
 3. ITEM #7 ALL SHALL BE SCREWED-IN
AND FLUSH TO THE GROOVE.
 4. ITEM #6 SHALL BE INSERTED SIDE WAY AND
ALIGNED TO THE BACK LINE (TBL).
 5. ITEM #5 SHALL BE INSERTED LAY-FLAT AND
ALIGNED AS SHOWN IN DETAIL 2.
 6. ITEM #4 SHALL BE INSERTED LAY-FLAT AND
ALIGNED CUT CORNER TO TBL.
 7. ITEM #3 , ITEM # 2 SHALL BE INSERTED LAY-FLAT AND
ALIGNED TO TBL.
 8. TIGHTEN ITEM #7 CAREFULLY AND DOUBLE CHECK
THAT ALL INSERTS ARE PROPERLY SECURED.
 9. ITEM #9 TUNGSTEN WIRE WRAP AROUND TO
ITEM #8 AND INSERTED TO HOLE OF ITEM #4
AND TIGHTEN WITH NUT.
DO NOT OVER-TIGHTEN. CUT WIRE AT SCREW.

9		CERAMIC COATED COPPER WIRE Ø.45 WIRE x CUT TO LENGTH AS REQUIRED	COPPER/CERAMIC	2
8	9923019	TC-SCREW & NUT #3-48 x .25 LG.	SST	2
7	T-404-A	SOCKET SET SCREW - VENTED #4-40 UNC 3A X .25 LG.	18-8 SST SILVER PLATED	12
6	P4105091407-520006-00	STRIP (NARROW)	ALUMINA	2
5	P4105091407-520005-00	HORIZONTAL BLADE	SYNTHETIC DIAMOND	2
4	P4105091407-520004-00	CONNECTOR BLADE	COPPER	2
3	P4105091407-520003-00	STRIP (WIDE)	ALUMINA	4
2	P4105091407-520002-00	BLOCK	COPPER	2
1	P4105091407-520001-00	MOUNTING HOUSING	SILVER FOIL	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULAR X .05 XX .01 XXX .005				
SURFACE FINISHES: 125				
REMOVE ALL BURRS AND BREAK SHARP EDGES (R MAX)				
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AND MAX				
DIMENSIONS & TOLERANCING IN ACCORDANCE WITH LATEST AND Y14.5				
DO NOT SCALE DRAWING				
LOG NUMBER A2572900				
THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY				
DRAWN BY CORCUERA				
CHECKED BY J. CHANG				
DESIGNER CHANG/CORCUERA				
RESPONSIBLE ENGINEER J. CHANG				
DATE 11/18/90				
DATE 2/18/97				
DATE 2/20/97				
APPROVED/RELEASED				
MATERIAL				
SCALE 1:1				
SHEET 1 of 1				
TITLE ADVANCED PHOTON SOURCE B7 - 50 ID MASK WITH BM BPM MONITOR HOUSING SUB-ASSEMBLY				
DRAWING NUMBER P4105091407-520000-00				